

# EUROPEAN PATENT OFFICE

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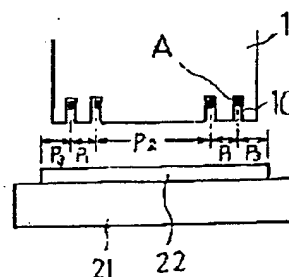
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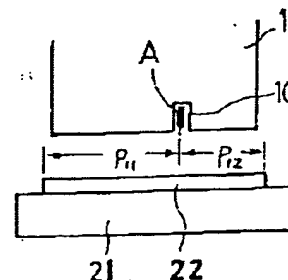
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TITLE : METHOD AND APPARATUS FOR  
APPLYING ADHESIVE TO STRING  
RUBBER OR THE LIKE IN A COATING  
LINE

(a)



(b)



### 【符号の説明】

- △ 糸ゴム等
- B 塗布ライン
- 1 塗布ヘッド
- 10 ゴム走行スリット溝
- 12 第1分配機構
- 16 第2分配機構

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a large adhesive area with a small amount of adhesives in a coating line applying adhesives to a flat rubber, string rubber in moving and to simplify a guide mechanism for feed position of the moving rubber.

SOLUTION: An adhesive is supplied to a rubber running slit groove open to the front, rear, and bottom surfaces in a coating line advancing direction and a string rubber in a stretched state is horizontally fed through the groove. In addition to feeding the rubber from the upper side, the rubber is fed from at least one side of the groove. A first distribution mechanism, which has at its upper part an adhesive feed hole and has at its middle part an adhesive horizontal feed passage, into which an adhesive is supplied from the feed hole, is formed. A second distribution mechanism has a coating head body having vertically a plurality of rubber running slit grooves, a plurality of longitudinal passages opposed to the adhesive horizontal feed passage of the first mechanism of the coating head body, and a distribution reservoir which is connected to the lower ends of the longitudinal passages and disposed in opposition to the slit groove of the head body. The adhesive coating apparatus has the coating head including a distribution plate having the second distribution mechanism.

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